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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

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2-12-2021

## 2021-02-12\_MichiganOverview\_COVIDstats

Michigan Department of Health & Human Services

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*Cumulative Michigan COVID-19 Data*. 315.

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Reporting

School-Related  
Outbreak  
Reporting

Wastewater  
Surveillance

Testing  
Turnaround  
Time

MIS-C Data  
and Reporting

Data and  
Modeling  
Updates

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

18-429

430-2352

2353-11164

11165-72749

72750+

Michigan

Friday, February 12, 2021

Michigan (Statewide) Case Fatality Rate

2.6%

Current Totals

Case Status	Cases	Deaths
Confirmed	573,372	15,062
Probable	54,640	965
Total	628,012	16,027

Laboratory Testing

Test Type	Tests Performed
Diagnostic	9,904,167
Serology	507,720
Total	10,411,887

Microsoft Power BI

< 1 of 7 >

Q

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	5.67%	2.96%
Non-Hispanic Latino	70.32%	84.33%
Unknown	24.01%	12.71%

PUBLIC USE DATASETS 02/12/2021

(Downloadable .xlsx files)

Cases and Deaths by County

Have questions?  
Chat with Robin

https://www.michigan.gov/coronavirus/0,9753,7-406-98163\_98173---,00.html

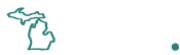
1/2

Totals may not add to 100% due to rounding

- Cases and Deaths by County by Date of Onset of Symptoms and Date of Death
- Cases by Demographics Statewide
- COVID-19 Tests by County
- Diagnostic Tests by Result and County

Cases by Arab Ethnicity		
Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	2.95%	1.76%
Non-Arab	51.67%	55.40%
Unknown	45.38%	42.84%

Totals may not add to 100% due to rounding



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# Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 02/05/2021): **498,495**

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on February 5, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to January 6, 2021. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records



Have questions?  
Chat with Robin

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All



Select County:

All



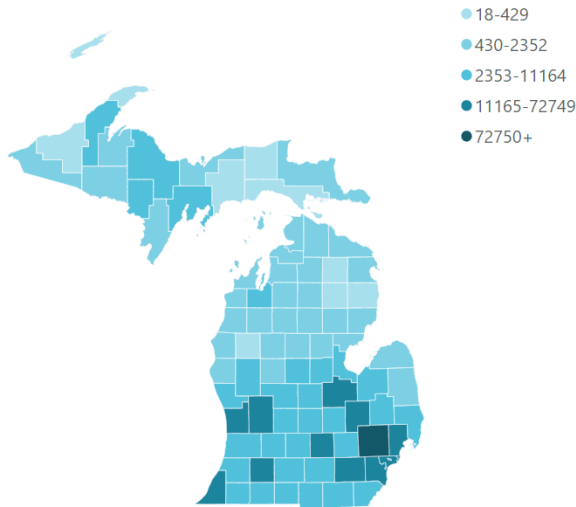
*This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.*

*Source: Michigan Disease Surveillance System (MDSS) and Vital Records.*

## COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

### Cases by County



## Michigan

Friday, February 12, 2021

### Michigan (Statewide) Case Fatality Rate

2.6%

### Current Totals

Case Status	Cases	Deaths
Confirmed	573,372	15,062
Probable	54,640	965
<b>Total</b>	<b>628,012</b>	<b>16,027</b>

### Laboratory Testing

Test Type	Tests Performed
Diagnostic	9,904,167
Serology	507,720
<b>Total</b>	<b>10,411,887</b>

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

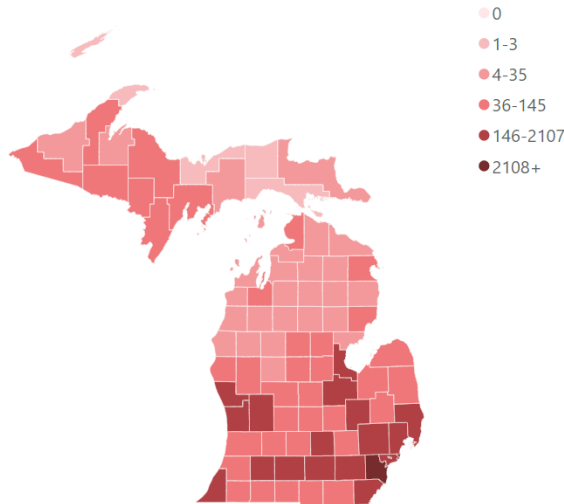
*This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.*

*Source: Michigan Disease Surveillance System (MDSS) and Vital Records.*

## COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID indicated on their death certificate, but have not had a positive diagnostic test.

### Deaths by County



## Michigan

Friday, February 12, 2021

### Michigan (Statewide) Case Fatality Rate

2.6%

### Current Totals

Case Status	Cases	Deaths
Confirmed	573,372	15,062
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### Laboratory Testing

Test Type	Tests Performed
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Serology	507,720
<b>Total</b>	<b>10,411,887</b>

Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive diagnostic test for COVID-19 by the date of the onset of their symptoms.

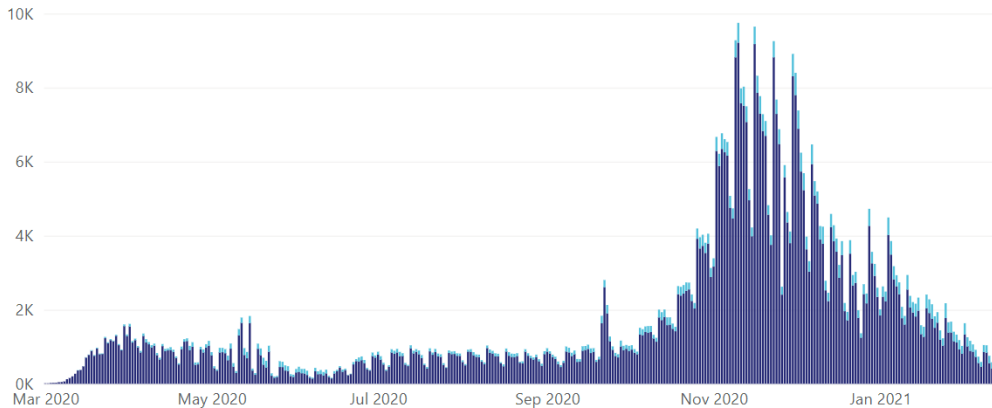
Filter by Date:

3/1/2020

2/12/2021

### Cases by Date of Onset

Case Status ● Confirmed ● Probable



Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Deaths by Status

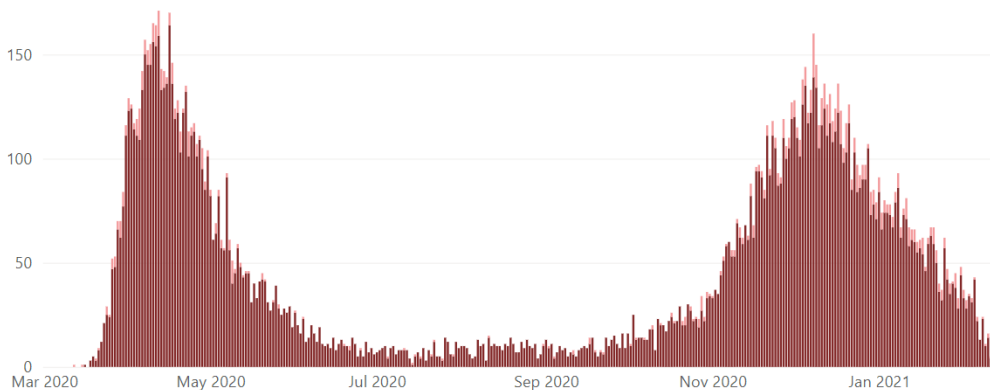
Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

Filter by Date:

3/1/2020

2/12/2021

### Deaths by Date of Death

Case Status ● Confirmed ● Probable

View Table

View Chart

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive diagnostic test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

2/12/2021

### Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Confirmed Cases ● Deaths

0.6M

0.5M

0.4M

0.3M

0.2M

0.1M

0.0M

Mar 2020

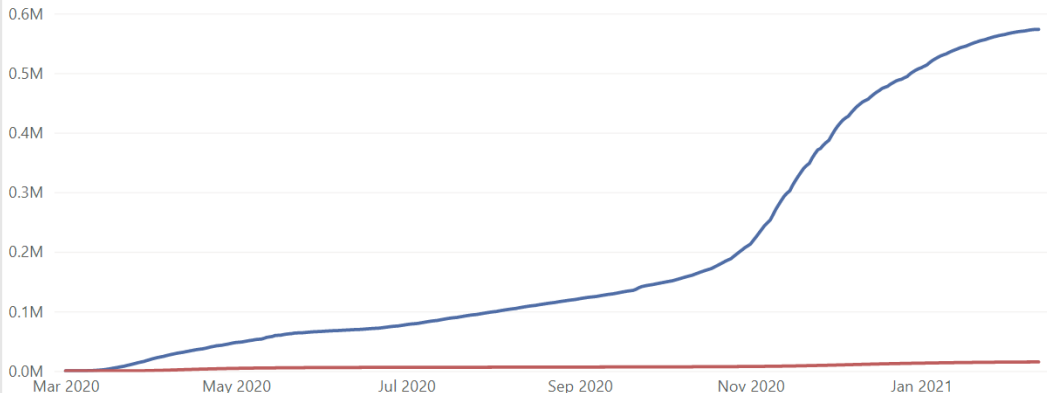
May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021





## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

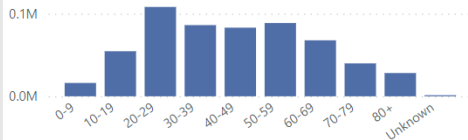
Select Preparedness Region:

All

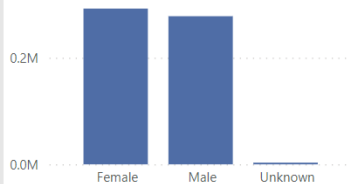
Select county:

All

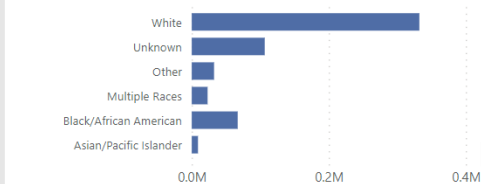
### Cases by Age Group



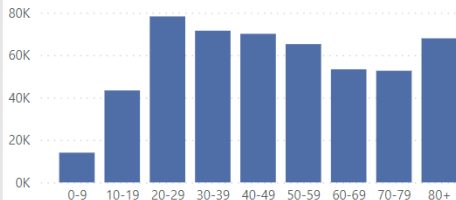
### Cases by Sex



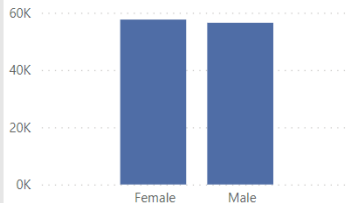
### Cases by Race



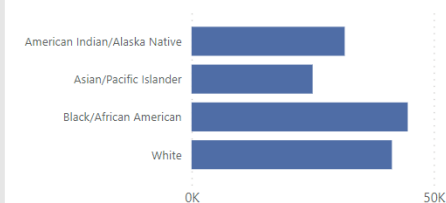
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Cases by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☐ Confirmed  
☒ Probable

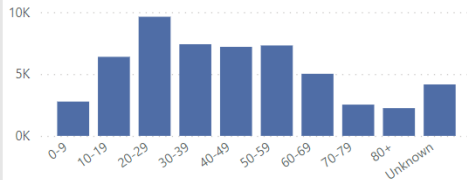
Select Preparedness Region:

All

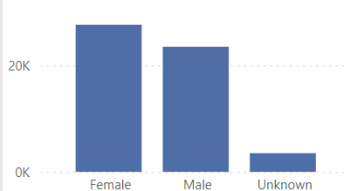
Select county:

All

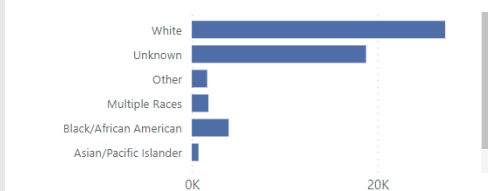
### Cases by Age Group



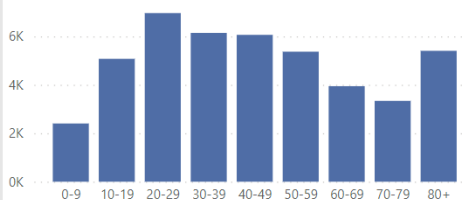
### Cases by Sex



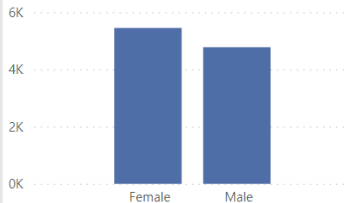
### Cases by Race



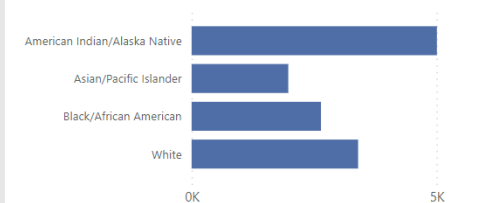
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

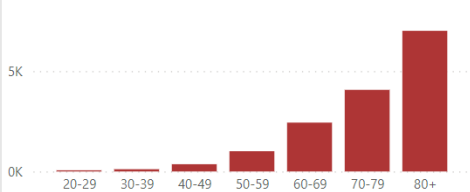
Select Preparedness Region:

All

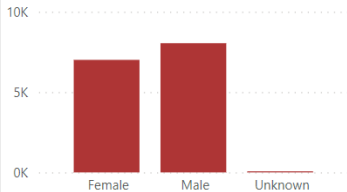
Select county:

All

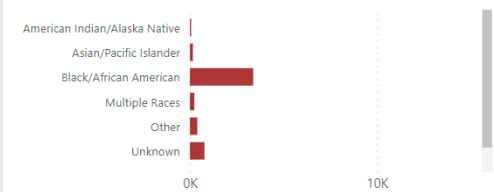
### Deaths by Age Group



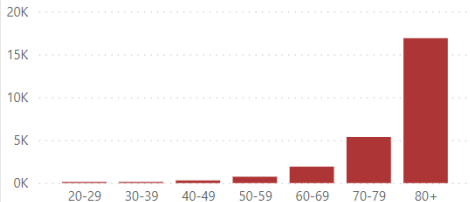
### Deaths by Sex



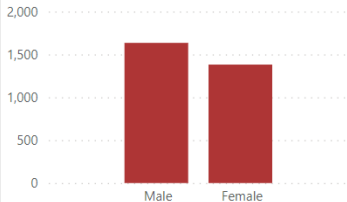
### Deaths by Race



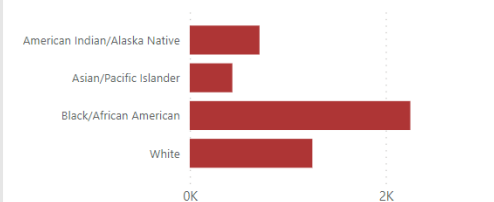
### Deaths per Million by Age Group



### Deaths per Million by Sex



### Deaths per Million by Race



## Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

☐ Confirmed☒ Probable

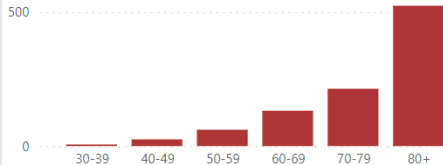
Select Preparedness Region:

All

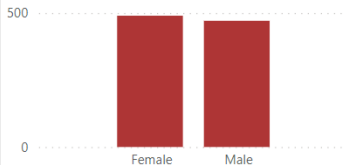
Select county:

All

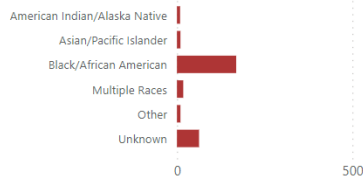
### Deaths by Age Group



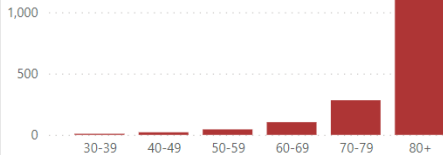
### Deaths by Sex



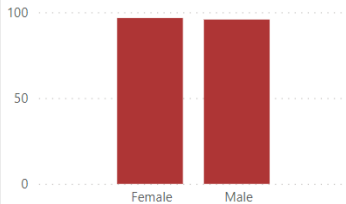
### Deaths by Race



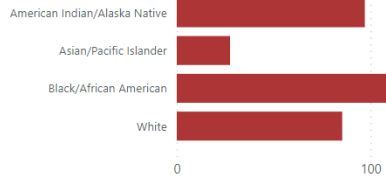
### Deaths per Million by Age Group



### Deaths per Million by Sex



### Deaths per Million by Race



[View Table](#)[View Charts](#)

Select Preparedness Region:

All

Select County:

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

## Total Covid-19 Laboratory Tests

Total testing includes both diagnostic tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to Covid-19.

Filter by Date:

3/10/2020

2/11/2021

### Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

100K

50K

0K

May 2020

Jul 2020

Sep 2020

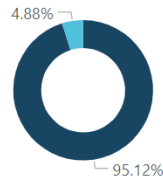
Nov 2020

Jan 2021

### Total Tests Completed to Date

Test Type	Count	Tests per Million Residents
Diagnostic	9,904,167	991,296
Serology	507,720	50,817
Total	10,411,887	1,042,113

### Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology

View Table

View Charts

Select Preparedness Region

All



Select County

All



Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests. Diagnostic tests do not include serology tests which look for antibodies to SARS-CoV-2 in the blood.

## Diagnostic Covid-19 Laboratory Tests

Diagnostic tests are used to determine if an individual is currently infected with Covid-19.

Filter by Date

3/10/2020

2/11/2021

### Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive

100K

50K

0K

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

### Percent of Diagnostic Tests That Were Positive

Positivity

60%

40%

20%

0%

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

### Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

### How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

### How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

### Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

### Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

### Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

# PUBLIC USE DATASETS

## Cases and Deaths by County

### README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

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Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.



# **CASES AND DEATHS BY COUNTY 2021-02-12**

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/02/12 14:08:27	Alcona	348	19	74	5
2021/02/12 14:08:27	Alger	275	1	156	2
2021/02/12 14:08:27	Allegan	6403	93	731	22
2021/02/12 14:08:27	Alpena	1221	45	228	1
2021/02/12 14:08:27	Antrim	735	15	157	4
2021/02/12 14:08:27	Arenac	656	24	78	0
2021/02/12 14:08:27	Baraga	499	31	98	0
2021/02/12 14:08:27	Barry	3322	39	318	2
2021/02/12 14:08:27	Bay	6956	265	296	12
2021/02/12 14:08:27	Benzie	766	30	121	1
2021/02/12 14:08:27	Berrien	10382	214	784	19
2021/02/12 14:08:27	Branch	3385	80	317	4
2021/02/12 14:08:27	Calhoun	8075	212	1200	15
2021/02/12 14:08:27	Cass	3488	54	369	4
2021/02/12 14:08:27	Charlevoix	817	12	203	0
2021/02/12 14:08:27	Cheboygan	728	35	151	0
2021/02/12 14:08:27	Chippewa	707	20	1011	4
2021/02/12 14:08:27	Clare	1374	68	208	1
2021/02/12 14:08:27	Clinton	4352	65	565	4
2021/02/12 14:08:27	Crawford	538	5	32	0
2021/02/12 14:08:27	Delta	2631	65	461	19
2021/02/12 14:08:27	Dickinson	2118	55	236	14
2021/02/12 14:08:27	Eaton	5504	137	531	8
2021/02/12 14:08:27	Emmet	1230	36	232	1
2021/02/12 14:08:27	Genesee	21193	687	3670	50
2021/02/12 14:08:27	Gladwin	1230	39	226	3
2021/02/12 14:08:27	Gogebic	897	18	335	28
2021/02/12 14:08:27	Grand Traverse	3667	57	412	8
2021/02/12 14:08:27	Gratiot	2428	94	301	4
2021/02/12 14:08:27	Hillsdale	2977	68	278	3
2021/02/12 14:08:27	Houghton	2035	32	503	8
2021/02/12 14:08:27	Huron	1592	54	475	3
2021/02/12 14:08:27	Ingham	15025	263	783	6
2021/02/12 14:08:27	Ionia	4014	63	76	2
2021/02/12 14:08:27	Iosco	1113	63	149	3
2021/02/12 14:08:27	Iron	863	39	62	9
2021/02/12 14:08:27	Isabella	3495	70	427	1
2021/02/12 14:08:27	Jackson	8947	199	298	6
2021/02/12 14:08:27	Kalamazoo	12862	278	1702	38
2021/02/12 14:08:27	Kalkaska	536	14	40	0
2021/02/12 14:08:27	Kent	47655	631	2860	56
2021/02/12 14:08:27	Keweenaw	110	1	26	1
2021/02/12 14:08:27	Lake	336	10	19	1
2021/02/12 14:08:27	Lapeer	4182	116	615	2
2021/02/12 14:08:27	Leelanau	721	14	117	0
2021/02/12 14:08:27	Lenawee	5729	106	268	4
2021/02/12 14:08:27	Livingston	9031	117	939	13

2021/02/12 14:08:27	Luce	132	0	82	1
2021/02/12 14:08:27	Mackinac	279	3	151	0
2021/02/12 14:08:27	Macomb	53907	1816	3414	102
2021/02/12 14:08:27	Manistee	742	18	48	3
2021/02/12 14:08:27	Marquette	3437	54	491	1
2021/02/12 14:08:27	Mason	1127	26	92	0
2021/02/12 14:08:27	Mecosta	1856	19	97	0
2021/02/12 14:08:27	Menominee	1606	35	257	2
2021/02/12 14:08:27	Midland	4304	60	578	3
2021/02/12 14:08:27	Missaukee	586	9	135	8
2021/02/12 14:08:27	Monroe	8430	180	1049	12
2021/02/12 14:08:27	Montcalm	3186	82	231	2
2021/02/12 14:08:27	Montmorency	298	16	55	1
2021/02/12 14:08:27	Muskegon	10254	297	207	7
2021/02/12 14:08:27	Newaygo	2580	46	141	1
2021/02/12 14:08:27	Oakland	63010	1836	9740	108
2021/02/12 14:08:27	Oceana	1764	48	79	2
2021/02/12 14:08:27	Ogemaw	937	31	160	1
2021/02/12 14:08:27	Ontonagon	353	18	51	1
2021/02/12 14:08:27	Osceola	889	23	136	0
2021/02/12 14:08:27	Oscoda	317	18	73	1
2021/02/12 14:08:27	Otsego	958	21	156	4
2021/02/12 14:08:27	Ottawa	20582	309	1206	35
2021/02/12 14:08:27	Presque Isle	564	25	77	1
2021/02/12 14:08:27	Roscommon	987	31	130	0
2021/02/12 14:08:27	Saginaw	13809	472	700	11
2021/02/12 14:08:27	Sanilac	1773	69	174	4
2021/02/12 14:08:27	Schoolcraft	229	4	28	1
2021/02/12 14:08:27	Shiawassee	3493	73	195	1
2021/02/12 14:08:27	St Clair	7193	232	1232	12
2021/02/12 14:08:27	St Joseph	4063	77	477	4
2021/02/12 14:08:27	Tuscola	2761	122	339	10
2021/02/12 14:08:27	Van Buren	4610	84	264	11
2021/02/12 14:08:27	Washtenaw	16321	227	1487	6
2021/02/12 14:08:27	Wayne	62981	2020	4513	89
2021/02/12 14:08:27	Wexford	1296	19	86	1
2021/02/12 14:08:27	MDOC	23538	144	754	3
2021/02/12 14:08:27	FCI	309	5	5	0
2021/02/12 14:08:27	Out-of-State	1425	10	68	1
2021/02/12 14:08:27	Unknown	2	0	17	0
2021/02/12 14:08:27	Detroit City	29336	1830	2327	124

# PUBLIC USE DATASETS

## Cases by Demographics Statewide

### README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

# **CASES BY DEMOGRAPHICS STATEWIDE 2021-02-11**

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	71	0
Confirmed	10-19	American Indian/Alaska Native	Female	188	0
Confirmed	20-29	American Indian/Alaska Native	Female	314	0
Confirmed	30-39	American Indian/Alaska Native	Female	248	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	225	0
Confirmed	50-59	American Indian/Alaska Native	Female	235	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Female	153	6
Confirmed	70-79	American Indian/Alaska Native	Female	90	10
Confirmed	80+	American Indian/Alaska Native	Female	32	7
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	143	0
Confirmed	10-19	Asian/Pacific Islander	Female	479	0
Confirmed	20-29	Asian/Pacific Islander	Female	996	0
Confirmed	30-39	Asian/Pacific Islander	Female	838	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Female	771	0
Confirmed	50-59	Asian/Pacific Islander	Female	667	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	377	10
Confirmed	70-79	Asian/Pacific Islander	Female	188	17
Confirmed	80+	Asian/Pacific Islander	Female	126	35
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	846	Suppressed
Confirmed	10-19	Black/African American	Female	2218	Suppressed
Confirmed	20-29	Black/African American	Female	6038	12
Confirmed	30-39	Black/African American	Female	5463	15
Confirmed	40-49	Black/African American	Female	4825	64
Confirmed	50-59	Black/African American	Female	4461	145
Confirmed	60-69	Black/African American	Female	3856	318
Confirmed	70-79	Black/African American	Female	2312	429
Confirmed	80+	Black/African American	Female	1634	583
Confirmed	Unknown	Black/African American	Female	15	0
Confirmed	0-9	Multiple Races	Female	462	0
Confirmed	10-19	Multiple Races	Female	1482	Suppressed
Confirmed	20-29	Multiple Races	Female	2396	0
Confirmed	30-39	Multiple Races	Female	1731	0
Confirmed	40-49	Multiple Races	Female	1825	Suppressed
Confirmed	50-59	Multiple Races	Female	1883	10
Confirmed	60-69	Multiple Races	Female	1384	11
Confirmed	70-79	Multiple Races	Female	764	27
Confirmed	80+	Multiple Races	Female	509	60
Confirmed	Unknown	Multiple Races	Female	9	0
Confirmed	0-9	Other	Female	702	0
Confirmed	10-19	Other	Female	1960	0
Confirmed	20-29	Other	Female	3536	0
Confirmed	30-39	Other	Female	2732	Suppressed
Confirmed	40-49	Other	Female	2546	Suppressed
Confirmed	50-59	Other	Female	1994	13
Confirmed	60-69	Other	Female	1229	29

Confirmed	70-79	Other	Female	644	43
Confirmed	80+	Other	Female	443	74
Confirmed	Unknown	Other	Female	8	0
Confirmed	0-9	Unknown	Female	1143	0
Confirmed	10-19	Unknown	Female	4617	0
Confirmed	20-29	Unknown	Female	10739	Suppressed
Confirmed	30-39	Unknown	Female	8414	Suppressed
Confirmed	40-49	Unknown	Female	8661	8
Confirmed	50-59	Unknown	Female	9252	16
Confirmed	60-69	Unknown	Female	5645	45
Confirmed	70-79	Unknown	Female	2627	83
Confirmed	80+	Unknown	Female	2225	233
Confirmed	Unknown	Unknown	Female	98	0
Confirmed	0-9	White	Female	4357	0
Confirmed	10-19	White	Female	17291	0
Confirmed	20-29	White	Female	31867	11
Confirmed	30-39	White	Female	23595	16
Confirmed	40-49	White	Female	23279	52
Confirmed	50-59	White	Female	25809	175
Confirmed	60-69	White	Female	20812	522
Confirmed	70-79	White	Female	13443	1033
Confirmed	80+	White	Female	12215	2865
Confirmed	Unknown	White	Female	80	0
Confirmed	0-9	American Indian/Alaska Native	Male	59	0
Confirmed	10-19	American Indian/Alaska Native	Male	159	0
Confirmed	20-29	American Indian/Alaska Native	Male	247	0
Confirmed	30-39	American Indian/Alaska Native	Male	219	0
Confirmed	40-49	American Indian/Alaska Native	Male	224	0
Confirmed	50-59	American Indian/Alaska Native	Male	192	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	155	18
Confirmed	70-79	American Indian/Alaska Native	Male	79	13
Confirmed	80+	American Indian/Alaska Native	Male	26	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	191	0
Confirmed	10-19	Asian/Pacific Islander	Male	457	0
Confirmed	20-29	Asian/Pacific Islander	Male	1084	0
Confirmed	30-39	Asian/Pacific Islander	Male	819	0
Confirmed	40-49	Asian/Pacific Islander	Male	660	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	625	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	375	22
Confirmed	70-79	Asian/Pacific Islander	Male	174	34
Confirmed	80+	Asian/Pacific Islander	Male	87	25
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	910	0
Confirmed	10-19	Black/African American	Male	2057	Suppressed
Confirmed	20-29	Black/African American	Male	6590	15
Confirmed	30-39	Black/African American	Male	6475	33
Confirmed	40-49	Black/African American	Male	5846	94
Confirmed	50-59	Black/African American	Male	5563	251
Confirmed	60-69	Black/African American	Male	4243	455

Confirmed	70-79	Black/African American	Male	2256	548
Confirmed	80+	Black/African American	Male	978	414
Confirmed	Unknown	Black/African American	Male	7	0
Confirmed	0-9	Multiple Races	Male	493	Suppressed
Confirmed	10-19	Multiple Races	Male	1459	0
Confirmed	20-29	Multiple Races	Male	1992	0
Confirmed	30-39	Multiple Races	Male	1421	Suppressed
Confirmed	40-49	Multiple Races	Male	1410	Suppressed
Confirmed	50-59	Multiple Races	Male	1495	7
Confirmed	60-69	Multiple Races	Male	1303	31
Confirmed	70-79	Multiple Races	Male	711	33
Confirmed	80+	Multiple Races	Male	302	44
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	765	0
Confirmed	10-19	Other	Male	1986	0
Confirmed	20-29	Other	Male	3698	Suppressed
Confirmed	30-39	Other	Male	2957	Suppressed
Confirmed	40-49	Other	Male	2740	14
Confirmed	50-59	Other	Male	2289	27
Confirmed	60-69	Other	Male	1331	70
Confirmed	70-79	Other	Male	600	57
Confirmed	80+	Other	Male	267	56
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	1198	0
Confirmed	10-19	Unknown	Male	4362	0
Confirmed	20-29	Unknown	Male	10898	0
Confirmed	30-39	Unknown	Male	8895	7
Confirmed	40-49	Unknown	Male	8090	18
Confirmed	50-59	Unknown	Male	8928	24
Confirmed	60-69	Unknown	Male	5478	72
Confirmed	70-79	Unknown	Male	2343	120
Confirmed	80+	Unknown	Male	1187	143
Confirmed	Unknown	Unknown	Male	106	0
Confirmed	0-9	White	Male	4748	0
Confirmed	10-19	White	Male	15598	Suppressed
Confirmed	20-29	White	Male	27151	19
Confirmed	30-39	White	Male	21891	31
Confirmed	40-49	White	Male	21454	95
Confirmed	50-59	White	Male	24864	326
Confirmed	60-69	White	Male	21160	823
Confirmed	70-79	White	Male	13485	1616
Confirmed	80+	White	Male	8066	2460
Confirmed	Unknown	White	Male	68	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	Suppressed	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	7	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	8	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	12	0
Confirmed	20-29	Black/African American	Unknown	106	0
Confirmed	30-39	Black/African American	Unknown	93	0
Confirmed	40-49	Black/African American	Unknown	98	0
Confirmed	50-59	Black/African American	Unknown	84	0
Confirmed	60-69	Black/African American	Unknown	40	Suppressed
Confirmed	70-79	Black/African American	Unknown	13	Suppressed
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	6	0
Confirmed	10-19	Multiple Races	Unknown	10	0
Confirmed	20-29	Multiple Races	Unknown	15	0
Confirmed	30-39	Multiple Races	Unknown	13	0
Confirmed	40-49	Multiple Races	Unknown	14	0
Confirmed	50-59	Multiple Races	Unknown	8	0
Confirmed	60-69	Multiple Races	Unknown	14	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	7	0
Confirmed	10-19	Other	Unknown	10	0
Confirmed	20-29	Other	Unknown	18	0
Confirmed	30-39	Other	Unknown	18	0
Confirmed	40-49	Other	Unknown	24	0
Confirmed	50-59	Other	Unknown	13	0
Confirmed	60-69	Other	Unknown	10	0
Confirmed	70-79	Other	Unknown	Suppressed	0
Confirmed	80+	Other	Unknown	7	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	48	0
Confirmed	10-19	Unknown	Unknown	149	0
Confirmed	20-29	Unknown	Unknown	343	0
Confirmed	30-39	Unknown	Unknown	229	0
Confirmed	40-49	Unknown	Unknown	283	0
Confirmed	50-59	Unknown	Unknown	238	0
Confirmed	60-69	Unknown	Unknown	133	Suppressed

Confirmed	70-79	Unknown	Unknown	67	Suppressed
Confirmed	80+	Unknown	Unknown	54	Suppressed
Confirmed	Unknown	Unknown	Unknown	41	0
Confirmed	0-9	White	Unknown	14	0
Confirmed	10-19	White	Unknown	90	0
Confirmed	20-29	White	Unknown	174	0
Confirmed	30-39	White	Unknown	170	0
Confirmed	40-49	White	Unknown	147	0
Confirmed	50-59	White	Unknown	142	0
Confirmed	60-69	White	Unknown	114	0
Confirmed	70-79	White	Unknown	51	Suppressed
Confirmed	80+	White	Unknown	20	Suppressed
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	29	0
Probable	10-19	American Indian/Alaska Native	Female	35	0
Probable	20-29	American Indian/Alaska Native	Female	52	0
Probable	30-39	American Indian/Alaska Native	Female	34	0
Probable	40-49	American Indian/Alaska Native	Female	36	0
Probable	50-59	American Indian/Alaska Native	Female	26	0
Probable	60-69	American Indian/Alaska Native	Female	21	0
Probable	70-79	American Indian/Alaska Native	Female	7	0
Probable	80+	American Indian/Alaska Native	Female	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	22	0
Probable	10-19	Asian/Pacific Islander	Female	38	0
Probable	20-29	Asian/Pacific Islander	Female	88	0
Probable	30-39	Asian/Pacific Islander	Female	69	0
Probable	40-49	Asian/Pacific Islander	Female	54	0
Probable	50-59	Asian/Pacific Islander	Female	51	0
Probable	60-69	Asian/Pacific Islander	Female	28	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	12	Suppressed
Probable	80+	Asian/Pacific Islander	Female	Suppressed	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	89	0
Probable	10-19	Black/African American	Female	158	0
Probable	20-29	Black/African American	Female	413	0
Probable	30-39	Black/African American	Female	379	0
Probable	40-49	Black/African American	Female	321	Suppressed
Probable	50-59	Black/African American	Female	308	11
Probable	60-69	Black/African American	Female	226	14
Probable	70-79	Black/African American	Female	94	15
Probable	80+	Black/African American	Female	69	34
Probable	Unknown	Black/African American	Female	22	0
Probable	0-9	Multiple Races	Female	78	0
Probable	10-19	Multiple Races	Female	146	0
Probable	20-29	Multiple Races	Female	173	0
Probable	30-39	Multiple Races	Female	111	0
Probable	40-49	Multiple Races	Female	120	0
Probable	50-59	Multiple Races	Female	115	0
Probable	60-69	Multiple Races	Female	82	Suppressed



Probable	70-79	Multiple Races	Female	40	0
Probable	80+	Multiple Races	Female	27	7
Probable	Unknown	Multiple Races	Female	37	0
Probable	0-9	Other	Female	59	0
Probable	10-19	Other	Female	124	0
Probable	20-29	Other	Female	184	0
Probable	30-39	Other	Female	136	0
Probable	40-49	Other	Female	128	0
Probable	50-59	Other	Female	86	Suppressed
Probable	60-69	Other	Female	52	Suppressed
Probable	70-79	Other	Female	24	0
Probable	80+	Other	Female	8	Suppressed
Probable	Unknown	Other	Female	14	0
Probable	0-9	Unknown	Female	255	0
Probable	10-19	Unknown	Female	790	0
Probable	20-29	Unknown	Female	1536	0
Probable	30-39	Unknown	Female	1055	0
Probable	40-49	Unknown	Female	1161	0
Probable	50-59	Unknown	Female	1158	Suppressed
Probable	60-69	Unknown	Female	798	Suppressed
Probable	70-79	Unknown	Female	324	Suppressed
Probable	80+	Unknown	Female	228	21
Probable	Unknown	Unknown	Female	1037	0
Probable	0-9	White	Female	815	0
Probable	10-19	White	Female	1925	Suppressed
Probable	20-29	White	Female	2532	0
Probable	30-39	White	Female	1960	Suppressed
Probable	40-49	White	Female	1961	Suppressed
Probable	50-59	White	Female	2035	15
Probable	60-69	White	Female	1422	31
Probable	70-79	White	Female	816	69
Probable	80+	White	Female	1094	245
Probable	Unknown	White	Female	292	0
Probable	0-9	American Indian/Alaska Native	Male	17	0
Probable	10-19	American Indian/Alaska Native	Male	37	0
Probable	20-29	American Indian/Alaska Native	Male	39	0
Probable	30-39	American Indian/Alaska Native	Male	37	0
Probable	40-49	American Indian/Alaska Native	Male	31	0
Probable	50-59	American Indian/Alaska Native	Male	26	0
Probable	60-69	American Indian/Alaska Native	Male	17	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	7	Suppressed
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	27	0
Probable	10-19	Asian/Pacific Islander	Male	39	0
Probable	20-29	Asian/Pacific Islander	Male	81	0
Probable	30-39	Asian/Pacific Islander	Male	69	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	51	0
Probable	50-59	Asian/Pacific Islander	Male	40	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	17	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	7	Suppressed
Probable	80+	Asian/Pacific Islander	Male	Suppressed	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	79	0
Probable	10-19	Black/African American	Male	155	Suppressed
Probable	20-29	Black/African American	Male	369	0
Probable	30-39	Black/African American	Male	350	0
Probable	40-49	Black/African American	Male	280	8
Probable	50-59	Black/African American	Male	292	11
Probable	60-69	Black/African American	Male	199	24
Probable	70-79	Black/African American	Male	82	30
Probable	80+	Black/African American	Male	33	18
Probable	Unknown	Black/African American	Male	14	0
Probable	0-9	Multiple Races	Male	64	0
Probable	10-19	Multiple Races	Male	151	0
Probable	20-29	Multiple Races	Male	142	0
Probable	30-39	Multiple Races	Male	93	0
Probable	40-49	Multiple Races	Male	104	Suppressed
Probable	50-59	Multiple Races	Male	92	0
Probable	60-69	Multiple Races	Male	70	0
Probable	70-79	Multiple Races	Male	34	Suppressed
Probable	80+	Multiple Races	Male	17	7
Probable	Unknown	Multiple Races	Male	45	0
Probable	0-9	Other	Male	53	0
Probable	10-19	Other	Male	134	0
Probable	20-29	Other	Male	173	0
Probable	30-39	Other	Male	150	0
Probable	40-49	Other	Male	134	0
Probable	50-59	Other	Male	86	Suppressed
Probable	60-69	Other	Male	52	Suppressed
Probable	70-79	Other	Male	22	Suppressed
Probable	80+	Other	Male	7	Suppressed
Probable	Unknown	Other	Male	14	0
Probable	0-9	Unknown	Male	283	0
Probable	10-19	Unknown	Male	811	0
Probable	20-29	Unknown	Male	1350	0
Probable	30-39	Unknown	Male	1028	Suppressed
Probable	40-49	Unknown	Male	903	Suppressed
Probable	50-59	Unknown	Male	981	Suppressed
Probable	60-69	Unknown	Male	622	Suppressed
Probable	70-79	Unknown	Male	259	8
Probable	80+	Unknown	Male	139	16
Probable	Unknown	Unknown	Male	876	0
Probable	0-9	White	Male	810	0
Probable	10-19	White	Male	1641	0
Probable	20-29	White	Male	2092	Suppressed
Probable	30-39	White	Male	1623	Suppressed
Probable	40-49	White	Male	1573	6
Probable	50-59	White	Male	1712	17
Probable	60-69	White	Male	1223	45

Probable	70-79	White	Male	709	80
Probable	80+	White	Male	565	166
Probable	Unknown	White	Male	253	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	Suppressed	0
Probable	10-19	Black/African American	Unknown	Suppressed	0
Probable	20-29	Black/African American	Unknown	7	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	Suppressed	0
Probable	50-59	Black/African American	Unknown	Suppressed	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	6	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	9	0
Probable	30-39	Multiple Races	Unknown	11	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	9	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	Suppressed	0
Probable	30-39	Other	Unknown	Suppressed	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	0	0
Probable	0-9	Unknown	Unknown	62	0
Probable	10-19	Unknown	Unknown	158	0
Probable	20-29	Unknown	Unknown	347	0
Probable	30-39	Unknown	Unknown	271	0
Probable	40-49	Unknown	Unknown	296	Suppressed
Probable	50-59	Unknown	Unknown	261	0
Probable	60-69	Unknown	Unknown	173	0
Probable	70-79	Unknown	Unknown	76	Suppressed
Probable	80+	Unknown	Unknown	32	Suppressed
Probable	Unknown	Unknown	Unknown	1494	0
Probable	0-9	White	Unknown	20	0
Probable	10-19	White	Unknown	36	0
Probable	20-29	White	Unknown	36	0
Probable	30-39	White	Unknown	25	0
Probable	40-49	White	Unknown	28	0
Probable	50-59	White	Unknown	28	0
Probable	60-69	White	Unknown	11	Suppressed
Probable	70-79	White	Unknown	13	0
Probable	80+	White	Unknown	Suppressed	0
Probable	Unknown	White	Unknown	35	0

# PUBLIC USE DATASETS

## COVID-19 Tests by County

### README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

## COVID-19 TESTS BY COUNTY 2021-02-12

Updated	COUNTY	TestType	Count	RatePerMillion
2021/02/12 14:08:39	Alcona	Diagnostic	5219	501586
2021/02/12 14:08:39	Alcona	Serology	152	14608
2021/02/12 14:08:39	Alcona	Total	5371	516194
2021/02/12 14:08:39	Alger	Serology	333	36561
2021/02/12 14:08:39	Alger	Diagnostic	6251	686320
2021/02/12 14:08:39	Alger	Total	6584	722881
2021/02/12 14:08:39	Allegan	Serology	2486	21053
2021/02/12 14:08:39	Allegan	Diagnostic	92670	784800
2021/02/12 14:08:39	Allegan	Total	95156	805854
2021/02/12 14:08:39	Alpena	Diagnostic	14622	514769
2021/02/12 14:08:39	Alpena	Serology	595	20947
2021/02/12 14:08:39	Alpena	Total	15217	535716
2021/02/12 14:08:39	Antrim	Diagnostic	17143	734994
2021/02/12 14:08:39	Antrim	Serology	615	26368
2021/02/12 14:08:39	Antrim	Total	17758	761362
2021/02/12 14:08:39	Arenac	Diagnostic	11628	781294
2021/02/12 14:08:39	Arenac	Serology	401	26943
2021/02/12 14:08:39	Arenac	Total	12029	808238
2021/02/12 14:08:39	Baraga	Serology	56	6822
2021/02/12 14:08:39	Baraga	Diagnostic	7181	874772
2021/02/12 14:08:39	Baraga	Total	7237	881593
2021/02/12 14:08:39	Barry	Serology	1647	26759
2021/02/12 14:08:39	Barry	Diagnostic	44952	730333
2021/02/12 14:08:39	Barry	Total	46599	757092
2021/02/12 14:08:39	Bay	Serology	5868	56901
2021/02/12 14:08:39	Bay	Diagnostic	99322	963113
2021/02/12 14:08:39	Bay	Total	105190	1020014
2021/02/12 14:08:39	Benzie	Diagnostic	10302	579872
2021/02/12 14:08:39	Benzie	Serology	628	35348
2021/02/12 14:08:39	Benzie	Total	10930	615220
2021/02/12 14:08:39	Berrien	Serology	4969	32392
2021/02/12 14:08:39	Berrien	Diagnostic	188478	1228662
2021/02/12 14:08:39	Berrien	Total	193447	1261054
2021/02/12 14:08:39	Branch	Diagnostic	31884	732679
2021/02/12 14:08:39	Branch	Serology	419	9628
2021/02/12 14:08:39	Branch	Total	32303	742308
2021/02/12 14:08:39	Calhoun	Diagnostic	154814	1153959
2021/02/12 14:08:39	Calhoun	Serology	1607	11978
2021/02/12 14:08:39	Calhoun	Total	156421	1165937
2021/02/12 14:08:39	Cass	Diagnostic	31605	610288
2021/02/12 14:08:39	Cass	Serology	582	11238
2021/02/12 14:08:39	Cass	Total	32187	621527
2021/02/12 14:08:39	Charlevoix	Serology	928	35497
2021/02/12 14:08:39	Charlevoix	Diagnostic	18488	707187
2021/02/12 14:08:39	Charlevoix	Total	19416	742684
2021/02/12 14:08:39	Cheboygan	Diagnostic	11599	458894
2021/02/12 14:08:39	Cheboygan	Serology	512	20256

2021/02/12 14:08:39	Cheboygan	Total	12111	479150
2021/02/12 14:08:39	Chippewa	Diagnostic	18334	490883
2021/02/12 14:08:39	Chippewa	Serology	255	6827
2021/02/12 14:08:39	Chippewa	Total	18589	497711
2021/02/12 14:08:39	Clare	Diagnostic	16325	527464
2021/02/12 14:08:39	Clare	Serology	846	27334
2021/02/12 14:08:39	Clare	Total	17171	554798
2021/02/12 14:08:39	Clinton	Diagnostic	46559	584949
2021/02/12 14:08:39	Clinton	Serology	3701	46498
2021/02/12 14:08:39	Clinton	Total	50260	631447
2021/02/12 14:08:39	Correctional	Serology	20421	
2021/02/12 14:08:39	Correctional	Diagnostic	552379	
2021/02/12 14:08:39	Correctional	Total	572800	
2021/02/12 14:08:39	Crawford	Serology	282	20101
2021/02/12 14:08:39	Crawford	Diagnostic	8003	570461
2021/02/12 14:08:39	Crawford	Total	8285	590562
2021/02/12 14:08:39	Delta	Serology	743	20763
2021/02/12 14:08:39	Delta	Diagnostic	32979	921613
2021/02/12 14:08:39	Delta	Total	33722	942376
2021/02/12 14:08:39	Detroit City	Serology	23439	36071
2021/02/12 14:08:39	Detroit City	Diagnostic	603544	928809
2021/02/12 14:08:39	Detroit City	Total	626983	964880
2021/02/12 14:08:39	Dickinson	Diagnostic	15151	600301
2021/02/12 14:08:39	Dickinson	Serology	149	5904
2021/02/12 14:08:39	Dickinson	Total	15300	606205
2021/02/12 14:08:39	Eaton	Serology	5525	50105
2021/02/12 14:08:39	Eaton	Diagnostic	97496	884173
2021/02/12 14:08:39	Eaton	Total	103021	934278
2021/02/12 14:08:39	Emmet	Diagnostic	23680	708664
2021/02/12 14:08:39	Emmet	Serology	1423	42586
2021/02/12 14:08:39	Emmet	Total	25103	751249
2021/02/12 14:08:39	Genesee	Diagnostic	298615	735844
2021/02/12 14:08:39	Genesee	Serology	17695	43604
2021/02/12 14:08:39	Genesee	Total	316310	779448
2021/02/12 14:08:39	Gladwin	Diagnostic	14422	566702
2021/02/12 14:08:39	Gladwin	Serology	970	38115
2021/02/12 14:08:39	Gladwin	Total	15392	604817
2021/02/12 14:08:39	Gogebic	Diagnostic	15683	1122218
2021/02/12 14:08:39	Gogebic	Serology	257	18390
2021/02/12 14:08:39	Gogebic	Total	15940	1140608
2021/02/12 14:08:39	Grand Traverse	Diagnostic	69812	749957
2021/02/12 14:08:39	Grand Traverse	Serology	5270	56613
2021/02/12 14:08:39	Grand Traverse	Total	75082	806570
2021/02/12 14:08:39	Gratiot	Diagnostic	43199	1061114
2021/02/12 14:08:39	Gratiot	Serology	956	23483
2021/02/12 14:08:39	Gratiot	Total	44155	1084596
2021/02/12 14:08:39	Hillsdale	Diagnostic	35841	785901
2021/02/12 14:08:39	Hillsdale	Serology	867	19011
2021/02/12 14:08:39	Hillsdale	Total	36708	804912
2021/02/12 14:08:39	Houghton	Diagnostic	37991	1064651

2021/02/12 14:08:39	Houghton	Serology	249	6978
2021/02/12 14:08:39	Houghton	Total	38240	1071629
2021/02/12 14:08:39	Huron	Diagnostic	23929	772377
2021/02/12 14:08:39	Huron	Serology	607	19593
2021/02/12 14:08:39	Huron	Total	24536	791969
2021/02/12 14:08:39	Ingham	Serology	18083	61842
2021/02/12 14:08:39	Ingham	Diagnostic	266733	912201
2021/02/12 14:08:39	Ingham	Total	284816	974043
2021/02/12 14:08:39	Ionia	Diagnostic	60781	939472
2021/02/12 14:08:39	Ionia	Serology	1989	30743
2021/02/12 14:08:39	Ionia	Total	62770	970215
2021/02/12 14:08:39	Iosco	Diagnostic	19215	764715
2021/02/12 14:08:39	Iosco	Serology	538	21411
2021/02/12 14:08:39	Iosco	Total	19753	786126
2021/02/12 14:08:39	Iron	Serology	121	10934
2021/02/12 14:08:39	Iron	Diagnostic	21854	1974878
2021/02/12 14:08:39	Iron	Total	21975	1985812
2021/02/12 14:08:39	Isabella	Serology	1205	17246
2021/02/12 14:08:39	Isabella	Diagnostic	41960	600527
2021/02/12 14:08:39	Isabella	Total	43165	617772
2021/02/12 14:08:39	Jackson	Diagnostic	167248	1055126
2021/02/12 14:08:39	Jackson	Serology	3184	20087
2021/02/12 14:08:39	Jackson	Total	170432	1075213
2021/02/12 14:08:39	Kalamazoo	Serology	6241	23545
2021/02/12 14:08:39	Kalamazoo	Diagnostic	237261	895102
2021/02/12 14:08:39	Kalamazoo	Total	243502	918647
2021/02/12 14:08:39	Kalkaska	Serology	579	32099
2021/02/12 14:08:39	Kalkaska	Diagnostic	13591	753465
2021/02/12 14:08:39	Kalkaska	Total	14170	785564
2021/02/12 14:08:39	Kent	Diagnostic	695536	1058727
2021/02/12 14:08:39	Kent	Serology	39336	59876
2021/02/12 14:08:39	Kent	Total	734872	1118603
2021/02/12 14:08:39	Keweenaw	Diagnostic	1787	844518
2021/02/12 14:08:39	Keweenaw	Serology	31	14650
2021/02/12 14:08:39	Keweenaw	Total	1818	859168
2021/02/12 14:08:39	Lake	Diagnostic	9141	771197
2021/02/12 14:08:39	Lake	Serology	180	15186
2021/02/12 14:08:39	Lake	Total	9321	786383
2021/02/12 14:08:39	Lapeer	Serology	2878	32851
2021/02/12 14:08:39	Lapeer	Diagnostic	49970	570388
2021/02/12 14:08:39	Lapeer	Total	52848	603239
2021/02/12 14:08:39	Leelanau	Serology	812	37314
2021/02/12 14:08:39	Leelanau	Diagnostic	10407	478241
2021/02/12 14:08:39	Leelanau	Total	11219	515555
2021/02/12 14:08:39	Lenawee	Diagnostic	96623	981432
2021/02/12 14:08:39	Lenawee	Serology	1775	18029
2021/02/12 14:08:39	Lenawee	Total	98398	999462
2021/02/12 14:08:39	Livingston	Diagnostic	156238	813761
2021/02/12 14:08:39	Livingston	Serology	7011	36517
2021/02/12 14:08:39	Livingston	Total	163249	850277



2021/02/12 14:08:39	Luce	Diagnostic	4301	690480
2021/02/12 14:08:39	Luce	Serology	37	5940
2021/02/12 14:08:39	Luce	Total	4338	696420
2021/02/12 14:08:39	Mackinac	Diagnostic	6556	607093
2021/02/12 14:08:39	Mackinac	Serology	113	10464
2021/02/12 14:08:39	Mackinac	Total	6669	617557
2021/02/12 14:08:39	Macomb	Diagnostic	667315	763543
2021/02/12 14:08:39	Macomb	Serology	50509	57792
2021/02/12 14:08:39	Macomb	Total	717824	821335
2021/02/12 14:08:39	Manistee	Diagnostic	14742	600293
2021/02/12 14:08:39	Manistee	Serology	790	32169
2021/02/12 14:08:39	Manistee	Total	15532	632462
2021/02/12 14:08:39	Marquette	Diagnostic	103163	1546695
2021/02/12 14:08:39	Marquette	Serology	1215	18216
2021/02/12 14:08:39	Marquette	Total	104378	1564911
2021/02/12 14:08:39	Mason	Diagnostic	25832	886357
2021/02/12 14:08:39	Mason	Serology	842	28891
2021/02/12 14:08:39	Mason	Total	26674	915248
2021/02/12 14:08:39	Mecosta	Diagnostic	31019	713852
2021/02/12 14:08:39	Mecosta	Serology	833	19170
2021/02/12 14:08:39	Mecosta	Total	31852	733022
2021/02/12 14:08:39	Menominee	Diagnostic	19345	849210
2021/02/12 14:08:39	Menominee	Serology	126	5531
2021/02/12 14:08:39	Menominee	Total	19471	854741
2021/02/12 14:08:39	Midland	Diagnostic	48244	580163
2021/02/12 14:08:39	Midland	Serology	6068	72971
2021/02/12 14:08:39	Midland	Total	54312	653134
2021/02/12 14:08:39	Missaukee	Diagnostic	8069	533735
2021/02/12 14:08:39	Missaukee	Serology	522	34528
2021/02/12 14:08:39	Missaukee	Total	8591	568263
2021/02/12 14:08:39	Monroe	Serology	4880	32425
2021/02/12 14:08:39	Monroe	Diagnostic	120074	797834
2021/02/12 14:08:39	Monroe	Total	124954	830259
2021/02/12 14:08:39	Montcalm	Serology	2007	31414
2021/02/12 14:08:39	Montcalm	Diagnostic	60383	945138
2021/02/12 14:08:39	Montcalm	Total	62390	976553
2021/02/12 14:08:39	Montmorency	Diagnostic	5501	589730
2021/02/12 14:08:39	Montmorency	Serology	316	33877
2021/02/12 14:08:39	Montmorency	Total	5817	623606
2021/02/12 14:08:39	Muskegon	Diagnostic	167112	962815
2021/02/12 14:08:39	Muskegon	Serology	3082	17757
2021/02/12 14:08:39	Muskegon	Total	170194	980572
2021/02/12 14:08:39	Newaygo	Diagnostic	34355	701409
2021/02/12 14:08:39	Newaygo	Serology	1502	30666
2021/02/12 14:08:39	Newaygo	Total	35857	732074
2021/02/12 14:08:39	Oakland	Diagnostic	1057206	840664
2021/02/12 14:08:39	Oakland	Serology	99908	79444
2021/02/12 14:08:39	Oakland	Total	1157114	920109
2021/02/12 14:08:39	Oceana	Serology	764	28866
2021/02/12 14:08:39	Oceana	Diagnostic	28006	1058148

2021/02/12 14:08:39	Oceana	Total	28770	1087014
2021/02/12 14:08:39	Ogemaw	Diagnostic	14313	681669
2021/02/12 14:08:39	Ogemaw	Serology	463	22051
2021/02/12 14:08:39	Ogemaw	Total	14776	703720
2021/02/12 14:08:39	Ontonagon	Diagnostic	6457	1128846
2021/02/12 14:08:39	Ontonagon	Serology	67	11713
2021/02/12 14:08:39	Ontonagon	Total	6524	1140559
2021/02/12 14:08:39	Osceola	Diagnostic	18513	789130
2021/02/12 14:08:39	Osceola	Serology	775	33035
2021/02/12 14:08:39	Osceola	Total	19288	822165
2021/02/12 14:08:39	Oscoda	Diagnostic	4219	511952
2021/02/12 14:08:39	Oscoda	Serology	289	35069
2021/02/12 14:08:39	Oscoda	Total	4508	547021
2021/02/12 14:08:39	Otsego	Diagnostic	15304	620399
2021/02/12 14:08:39	Otsego	Serology	805	32633
2021/02/12 14:08:39	Otsego	Total	16109	653032
2021/02/12 14:08:39	Ottawa	Diagnostic	297803	1020467
2021/02/12 14:08:39	Ottawa	Serology	12058	41319
2021/02/12 14:08:39	Ottawa	Total	309861	1061786
2021/02/12 14:08:39	Presque Isle	Diagnostic	8089	642392
2021/02/12 14:08:39	Presque Isle	Serology	428	33990
2021/02/12 14:08:39	Presque Isle	Total	8517	676382
2021/02/12 14:08:39	Roscommon	Diagnostic	14452	601690
2021/02/12 14:08:39	Roscommon	Serology	592	24647
2021/02/12 14:08:39	Roscommon	Total	15044	626337
2021/02/12 14:08:39	Saginaw	Diagnostic	198375	1041125
2021/02/12 14:08:39	Saginaw	Serology	7777	40816
2021/02/12 14:08:39	Saginaw	Total	206152	1081941
2021/02/12 14:08:39	Sanilac	Serology	1044	25358
2021/02/12 14:08:39	Sanilac	Diagnostic	39186	951810
2021/02/12 14:08:39	Sanilac	Total	40230	977168
2021/02/12 14:08:39	Schoolcraft	Diagnostic	5205	643069
2021/02/12 14:08:39	Schoolcraft	Serology	61	7536
2021/02/12 14:08:39	Schoolcraft	Total	5266	650605
2021/02/12 14:08:39	Shiawassee	Serology	2261	33190
2021/02/12 14:08:39	Shiawassee	Diagnostic	52129	765230
2021/02/12 14:08:39	Shiawassee	Total	54390	798420
2021/02/12 14:08:39	St Clair	Serology	6892	43311
2021/02/12 14:08:39	St Clair	Diagnostic	105872	665326
2021/02/12 14:08:39	St Clair	Total	112764	708637
2021/02/12 14:08:39	St Joseph	Serology	1405	23046
2021/02/12 14:08:39	St Joseph	Diagnostic	46414	761335
2021/02/12 14:08:39	St Joseph	Total	47819	784381
2021/02/12 14:08:39	Tuscola	Diagnostic	48727	932663
2021/02/12 14:08:39	Tuscola	Serology	1727	33056
2021/02/12 14:08:39	Tuscola	Total	50454	965719
2021/02/12 14:08:39	Unknown	Serology	22845	
2021/02/12 14:08:39	Unknown	Diagnostic	463853	
2021/02/12 14:08:39	Unknown	Total	486698	
2021/02/12 14:08:39	Van Buren	Serology	1549	20469

2021/02/12 14:08:39	Van Buren	Diagnostic	75905	1003013
2021/02/12 14:08:39	Van Buren	Total	77454	1023481
2021/02/12 14:08:39	Washtenaw	Serology	15752	42851
2021/02/12 14:08:39	Washtenaw	Diagnostic	467084	1270628
2021/02/12 14:08:39	Washtenaw	Total	482836	1313478
2021/02/12 14:08:39	Wayne	Serology	66986	60686
2021/02/12 14:08:39	Wayne	Diagnostic	1050419	951629
2021/02/12 14:08:39	Wayne	Total	1117405	1012315
2021/02/12 14:08:39	Wexford	Diagnostic	22180	659511
2021/02/12 14:08:39	Wexford	Serology	1014	30151
2021/02/12 14:08:39	Wexford	Total	23194	689661

# PUBLIC USE DATASETS

## Diagnostic Tests by Result and County

### README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

**DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-02-12**

MessageDate	COUNTY	Negative	Positive	Total
2/11/2021	Alcona	17	1	18
2/11/2021	Alger	6	1	7
2/11/2021	Allegan	342	17	359
2/11/2021	Alpena	140	2	142
2/11/2021	Antrim	114	3	117
2/11/2021	Arenac	51	3	54
2/11/2021	Baraga	66	1	67
2/11/2021	Barry	131	7	138
2/11/2021	Bay	374	10	384
2/11/2021	Benzie	46	1	47
2/11/2021	Berrien	525	34	559
2/11/2021	Branch	215	10	225
2/11/2021	Calhoun	391	33	424
2/11/2021	Cass	102	8	110
2/11/2021	Charlevoix	216	2	218
2/11/2021	Cheboygan	64	1	65
2/11/2021	Chippewa	137	0	137
2/11/2021	Clare	61	1	62
2/11/2021	Clinton	119	7	126
2/11/2021	Correctional	3019	30	3049
2/11/2021	Crawford	22	0	22
2/11/2021	Delta	54	3	57
2/11/2021	Detroit City	2054	62	2116
2/11/2021	Dickinson	104	2	106
2/11/2021	Eaton	437	25	462
2/11/2021	Emmet	136	3	139
2/11/2021	Genesee	1218	32	1250
2/11/2021	Gladwin	49	5	54
2/11/2021	Gogebic	30	7	37
2/11/2021	Grand Traverse	261	16	277
2/11/2021	Gratiot	117	1	118
2/11/2021	Hillsdale	97	6	103
2/11/2021	Houghton	270	6	276
2/11/2021	Huron	64	6	70
2/11/2021	Ingham	1036	50	1086
2/11/2021	Ionia	219	76	295
2/11/2021	Iosco	50	3	53
2/11/2021	Iron	292	3	295
2/11/2021	Isabella	108	4	112
2/11/2021	Jackson	506	35	541
2/11/2021	Kalamazoo	782	36	818
2/11/2021	Kalkaska	33	2	35
2/11/2021	Kent	2012	93	2105
2/11/2021	Keweenaw	10	0	10
2/11/2021	Lake	23	0	23
2/11/2021	Lapeer	211	10	221
2/11/2021	Leelanau	32	0	32

2/11/2021	Lenawee	420	38	458
2/11/2021	Livingston	404	18	422
2/11/2021	Luce	19	2	21
2/11/2021	Mackinac	46	1	47
2/11/2021	Macomb	2296	89	2385
2/11/2021	Manistee	118	4	122
2/11/2021	Marquette	504	13	517
2/11/2021	Mason	74	1	75
2/11/2021	Mecosta	85	7	92
2/11/2021	Menominee	130	3	133
2/11/2021	Midland	207	5	212
2/11/2021	Missaukee	30	7	37
2/11/2021	Monroe	441	23	464
2/11/2021	Montcalm	166	7	173
2/11/2021	Montmorency	37	0	37
2/11/2021	Muskegon	318	24	342
2/11/2021	Newaygo	65	3	68
2/11/2021	Oakland	3916	123	4039
2/11/2021	Oceana	47	3	50
2/11/2021	Ogemaw	41	0	41
2/11/2021	Ontonagon	12	3	15
2/11/2021	Osceola	43	2	45
2/11/2021	Oscoda	5	0	5
2/11/2021	Otsego	90	0	90
2/11/2021	Ottawa	1194	36	1230
2/11/2021	Presque Isle	30	0	30
2/11/2021	Roscommon	33	4	37
2/11/2021	Saginaw	716	32	748
2/11/2021	Sanilac	166	9	175
2/11/2021	Schoolcraft	68	0	68
2/11/2021	Shiawassee	183	5	188
2/11/2021	St Clair	436	11	447
2/11/2021	St Joseph	166	5	171
2/11/2021	Tuscola	147	22	169
2/11/2021	Unknown	2391	41	2432
2/11/2021	Van Buren	223	15	238
2/11/2021	Washtenaw	4212	94	4306
2/11/2021	Wayne	3658	170	3828
2/11/2021	Wexford	117	12	129